DEVICE USER MANUAL

GOCLEVER BIG-I PERSONAL

Personal GPS/GPRS tracking device

Dear Customer!

Congratulations, you have made a great choice buying our Personal tracking device.
Please read carefully this user manual to obtain all profits it can give to you!

1 Introduction

BIG-I Personal is a compact handheld device simply sending GPS position coordinates using GSM/GPRS modem. Thanks to BIG-I web software user can check actual position online. Thanks to strategic partnership with Fleet-Online professional tracking system makers our servers will gather and store all the information sent from devices. Therefore our customers can browse location history, prepare reports, set up alerts etc.
BIG-I Personal was built to protect our relatives, our children elder people, even pets or parcels! You can be sure that knowledge about your family members location can be a factor which decides about individual's live or health!

Product features

- Built-in high-performance, very sensitive GPS chipset, giving accurate position even in weak reception places
- Built-in GSM / GPRS module to support GSM 900/1800Hz compatible with most of GSM operators
- Supports GPRS TCP connection
- SOS button - user can setup who to inform about turning it on (SMS will be sent with location to selected mobile numbers)
- compact size
- low weight
- 1300mAh battery preserving near 20hours of live GPS position broadcast!

Hardware Specification

GSM Module	MTK program, GSM 900/1800 dual-band support for TCP protocol
GPS Chip	JRC chipset
GPS Sensitivity	-164dBm
GPS Frequency	L1,1575.42MHz
C/A Code	1.023MHz
Passage	210-channel, full-track
Location accuracy	10 meters, 2D RMS
Speed Accuracy	0.1 m/s
Time accuracy	1 us and the GPS time synchronization
Coordinate system	WGS-84
Regain	Average of 0.1 s
Hot Start	Average of 1 s
Warm Start	Average of 38 s
Cold start	Average of 42 s
Height restriction	Maximum 18,000 meters (60,000 feet).
Speed limit	The fastest 515 m / s (1000 section).
Acceleration limit	Less than 4g
Operating Temperature	-25℃ to 70℃
Humidity	5% ~ 95% non-coagulation
Size	95mm*46mm*18mm
Voltage	1300 mAh rechargeable battery (3.7V)
Charger	DC 5V

Device Hardware specification

Description of device, LED codes information.
Looking at the device flashing LEDs user can check actual device status:

Blue LED --- indicates actual status of GSM signal:

Status	Meaning
Flashing (2 times / second)	No SIM card or no GSM network
Flash once every 8s	GSM receivers work well and standby

Red LED --- charging status

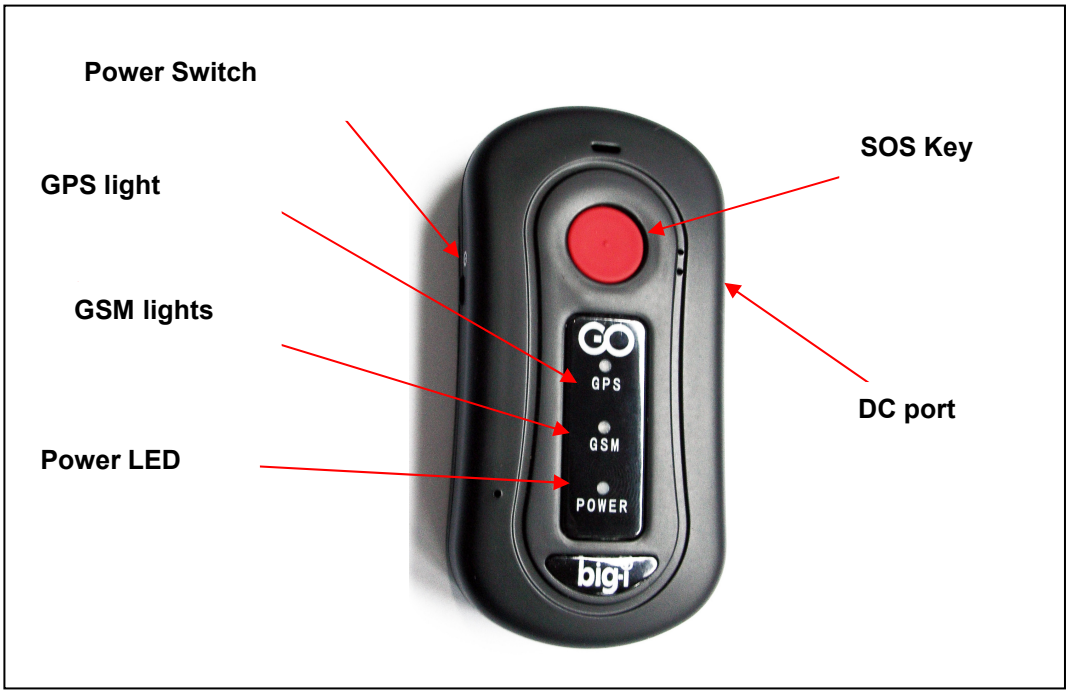
Status	Meaning
Light up	Charging
Micro-Liang	Charging complete

Note: When charging device with very low battery level, red LED may not light up.

Green LED --- indicates GPS signal status

Status	Meaning
No light	Works, positioning fixed
Flashes	Works, no position fixed or no GPS signal

Device buttons and LED's overview



Device buttons description

Button	Usage
Power Switch	Press button for 3-5s to turn on and turn off device.
SOS button	Press button for 3-5 seconds, device will start vibrating, then send SOS information to GOCLEVER Big-I Server. **NOTE** it is needed to setup SOS alert in settings window of user panel (check user panel manual)

Note Before using GOCLEVER Big-I Personal, in order to extend its battery life, we strongly recommend to charge device for about 12 hours.